

### Valdez to Tatitlek MW Radio, OC3

OC3 is part of the Optical Carrier (OC) levels defined for a fiber optic transmission system called SONET (Synchronous Optical Network). OC-3 runs at 155 Mbps. It provides 2016 voice channels (or 64K data channels). This MW radio link will support voice and data services, all specials, T1, Private line, DSL and Ethernet services. All of these service will be available at Tatitlek (and Naked Island.)

CVW is installing cell sites at Tatitlek and Shoup as part of this project offering voice and EVDO data services (same offering as Valdez and Glennallen wireless areas.) CVTC expects to have a BETRS offering for customers at Ellimar, within the Tatitlek Exchange area by summer of 2010.





Tatitlek Exchange Map

**Tatitlek Notes:**

AT&T Alascom provides toll services via Satellite to Tatitlek, they may order service from CV for their toll trunks or they may continue to use their own Satellite services.

CVTC plans to conduct Equal Access process in first half of 2010 for Tatitlek. (CVLD can not provide service until Equal Access process is completed).

CVTC will be installing a Meta Switch at Tatitlek in early 2010, all custom calling switch services and voice mail will then be available in Tatitlek.

DSL service will be available in Tatitlek in late 2009 after turn-up of the MW.

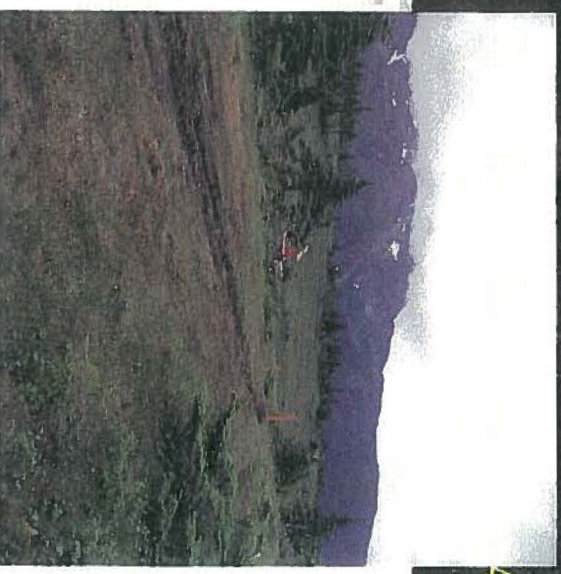
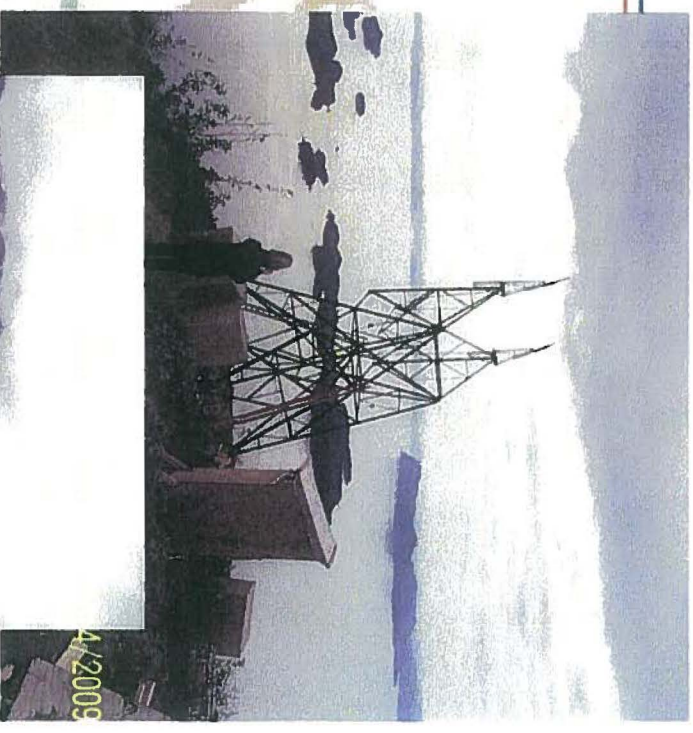
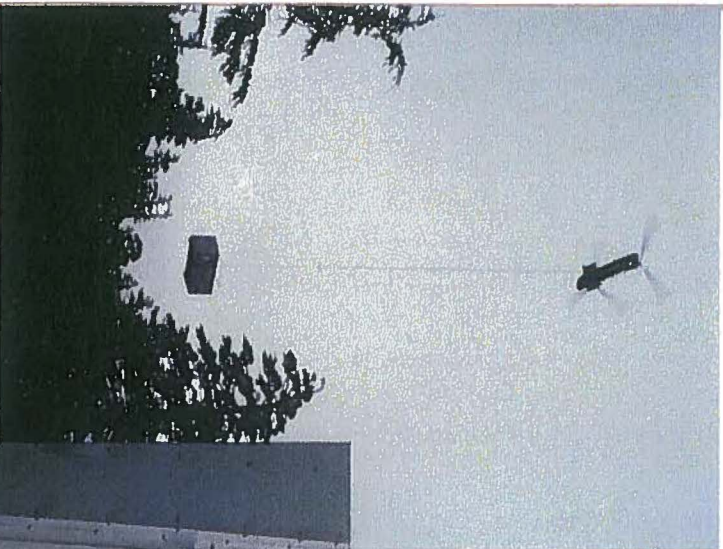
As part of the MW project Grant, CVTC will be providing Free DSL service and computers to a community center in Tatitlek. Also DSL service to the medical clinic.

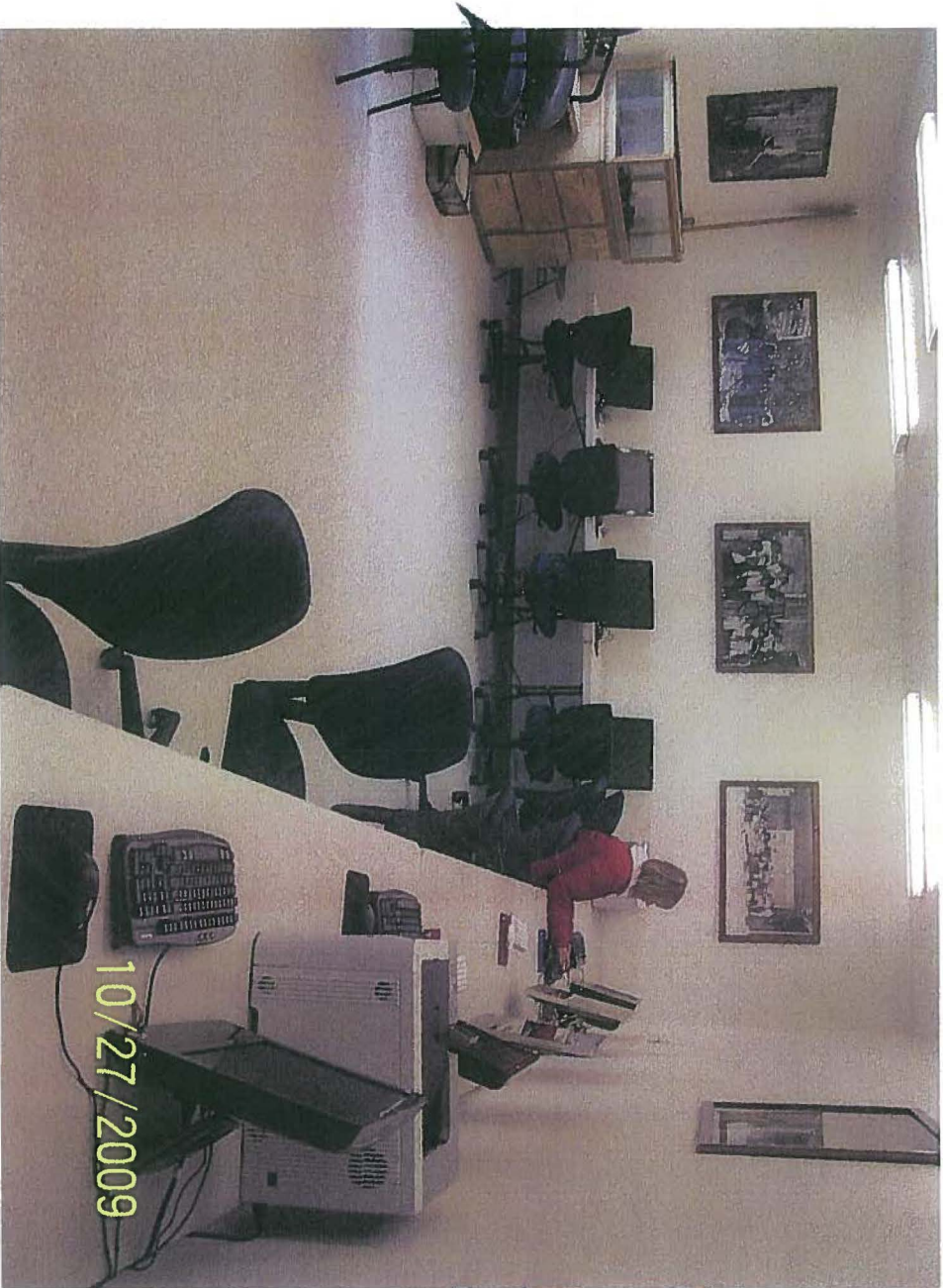
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# Tatitlek Microwave







06/01/2011

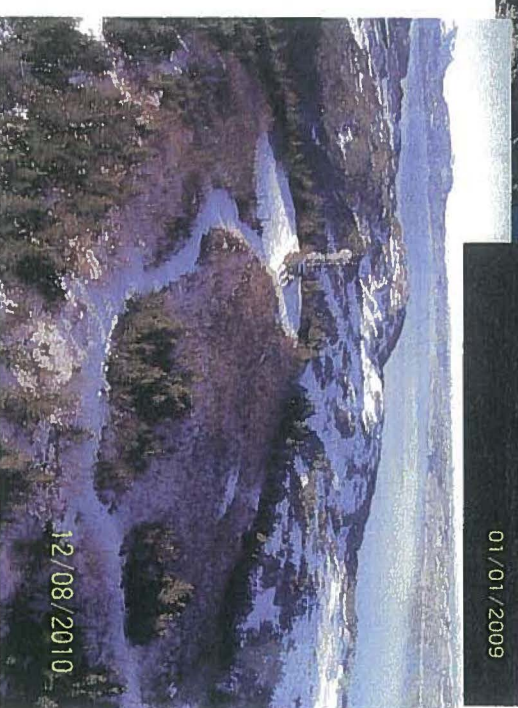
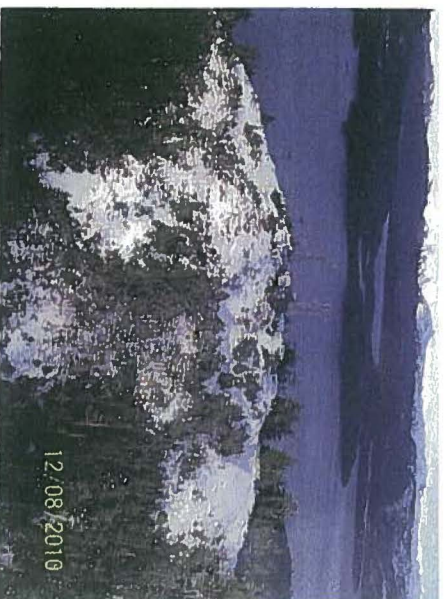
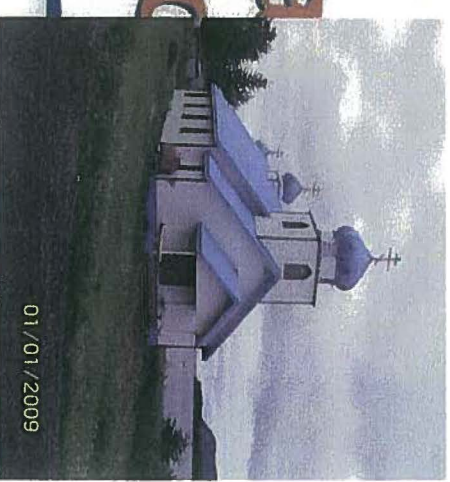
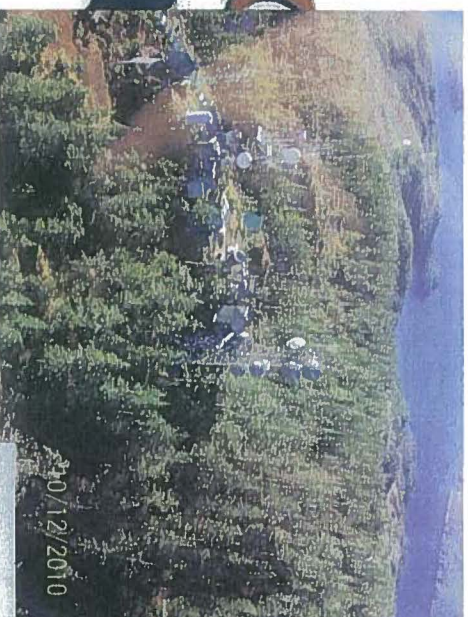




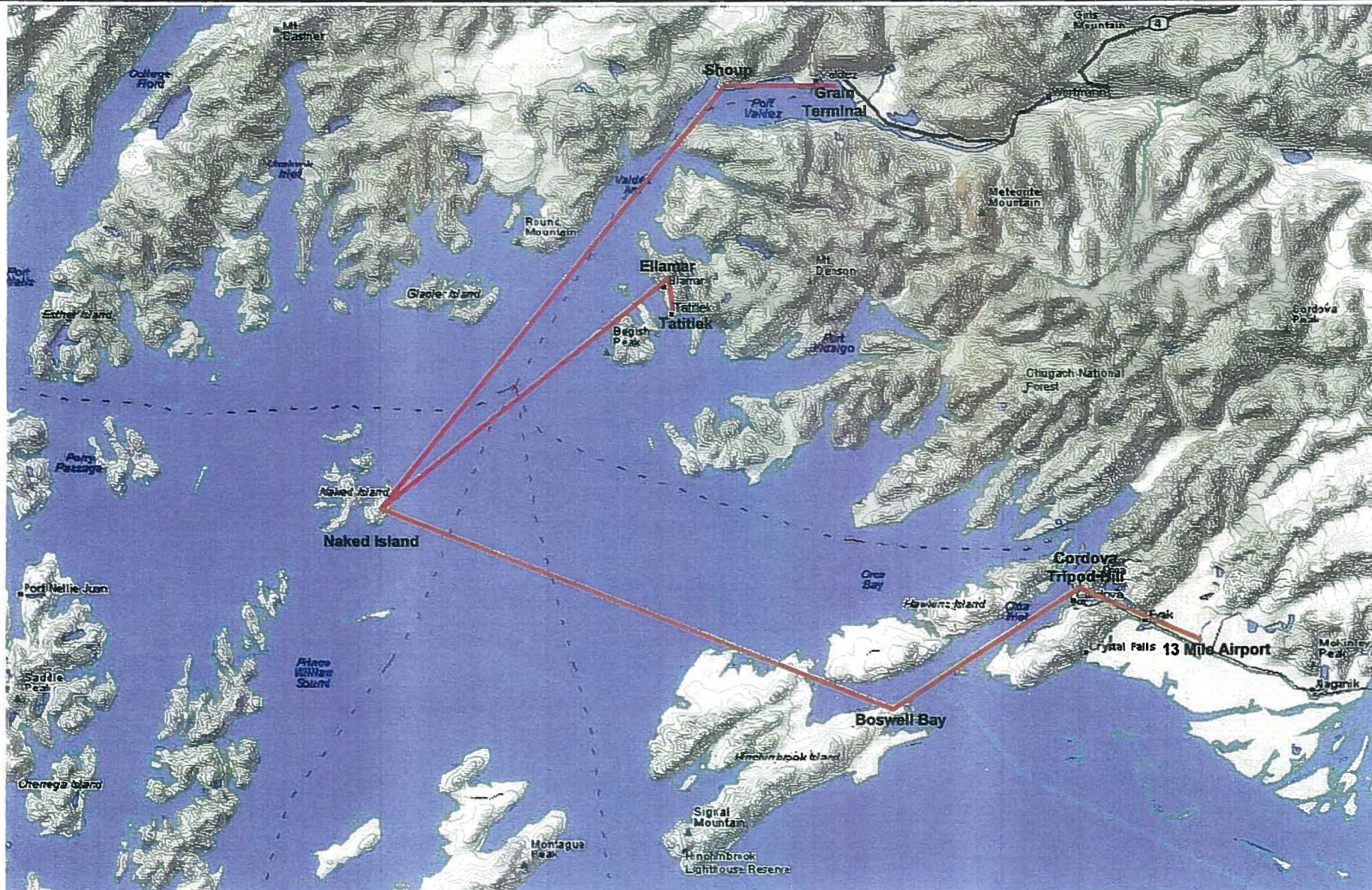




# Prince William Sound Microwave







Copper Valley Telecom, Prince William Sound Microwave, Valdez – Shoup – Naked Island- Ellamar – Tatitlek, Boswell Bay – Cordova



Work Order #:

Title: CVT PWS MW Network

By:

Print Date:

Date: 6-28-2010

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File: U:\JRG\2010 Items\ PWS MW System Cordova.vsd



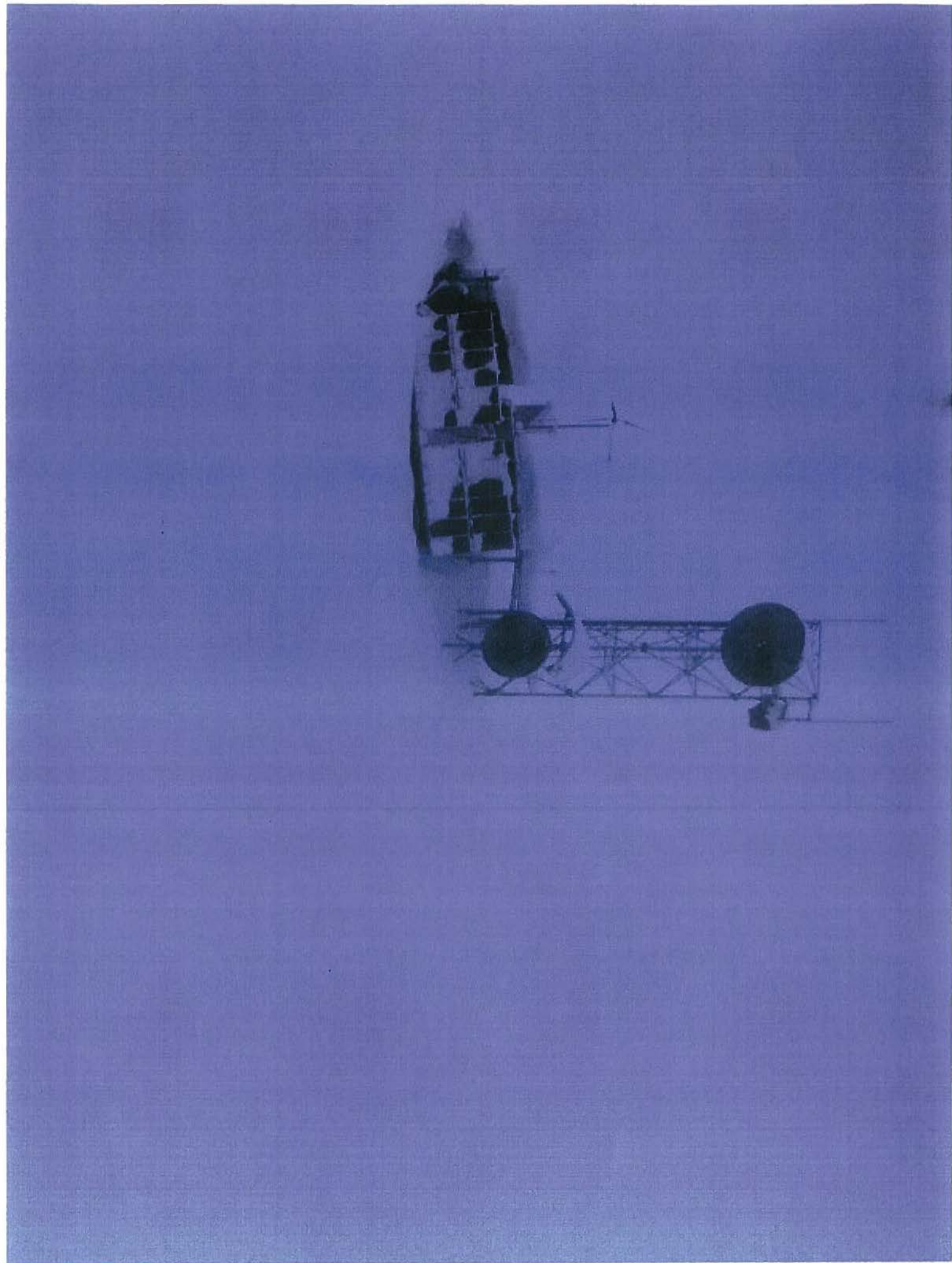






09/04/2009

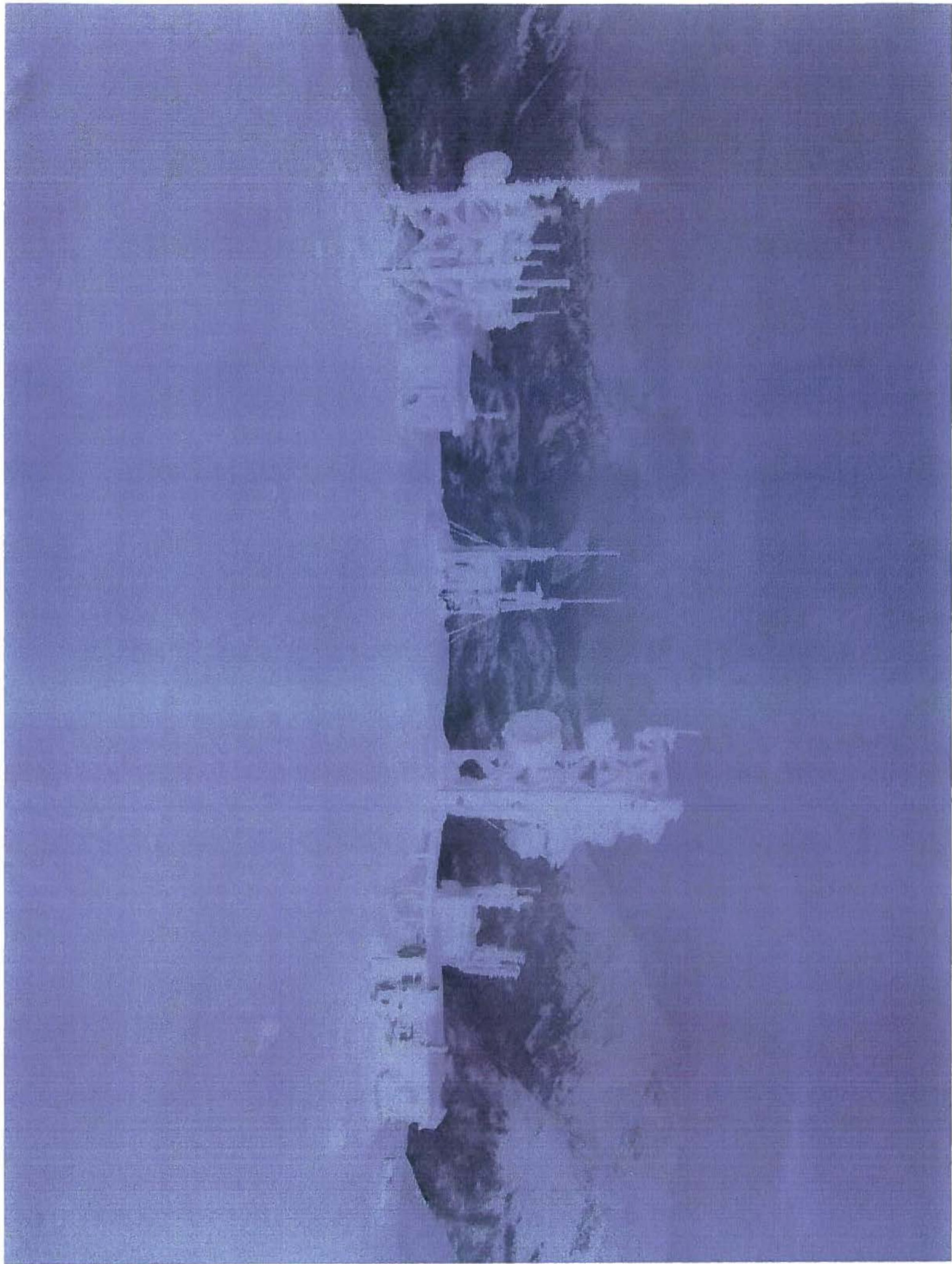




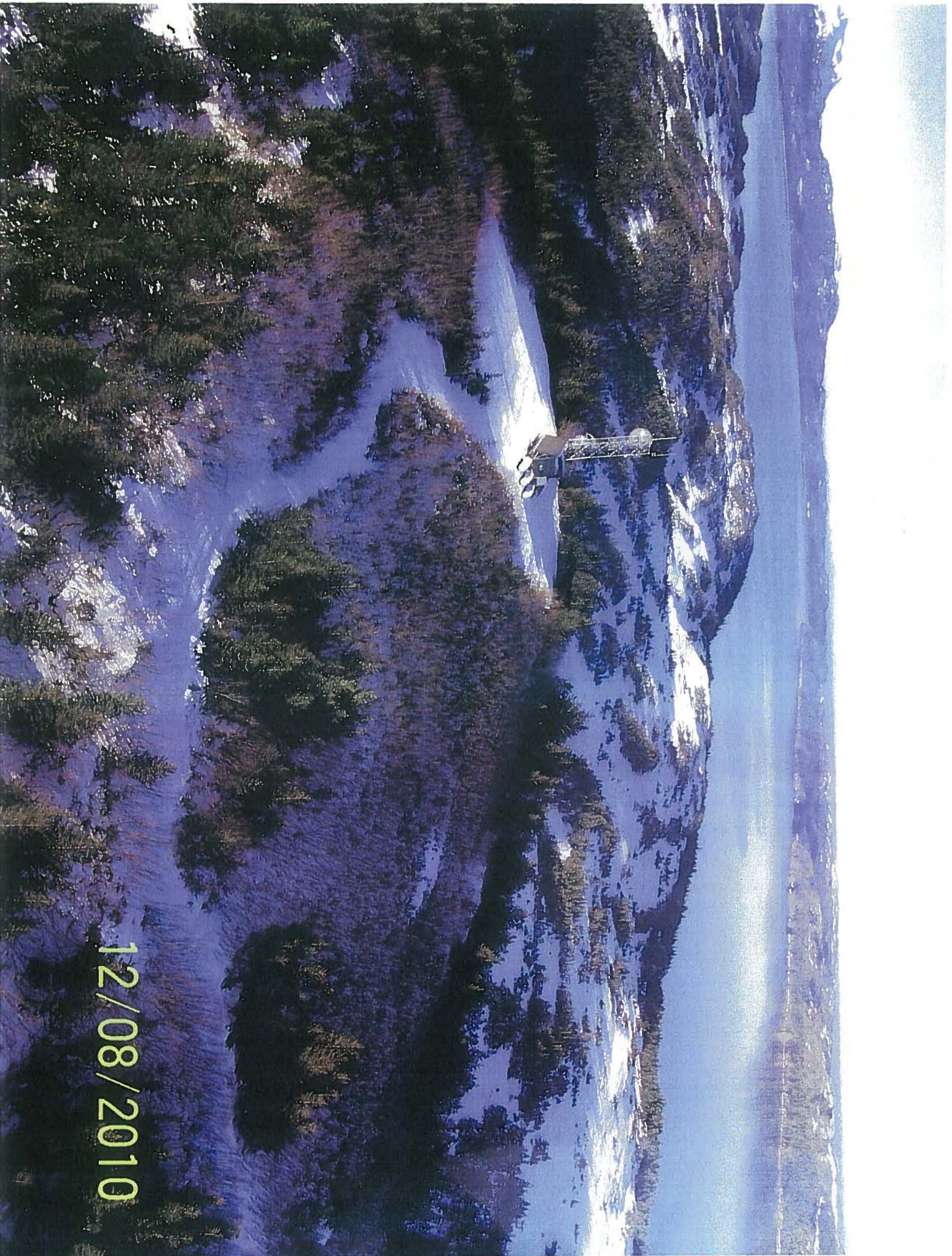












12/08/2010